



ACT 021/004

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER RIGHTS

DEE C. HANSEN  
STATE ENGINEER

EARL M. STAKER  
DEPUTY

200 EMPIRE BUILDING  
231 EAST 400 SOUTH  
SALT LAKE CITY, UTAH 84111  
(801) 533-6071

DIRECTING ENGINEERS  
HAROLD D. DONALDSON  
DONALD C. NORSETH  
STANLEY GREEN  
ROBERT L. MORGAN

RECEIVED

NOV 17 1980

November 14, 1980

Ranchers Exploration & Development Corp.  
P. O. Box 6217  
Albuquerque, New Mexico 87197  
Attn: Mark R. Welch

DIVISION OF  
OIL, GAS & MINING

Dear Mr. Welch:

Re: Tailings Dam, Escalante Silver Mine

This office has completed its review of the plans, specifications, and geotechnical investigation for the above mentioned project. The following additions should be made prior to final approval of the project by Mr. Hansen:

1. The type of pipe to be utilized under the embankment should be specified.
2. The dimensions of the seepage collar are in error. I think you meant 3 feet rather than 3 inches. If concrete collars are used we would recommend that they be formed and backfilled rather than formed in the fill.
3. Emergency flows should be handled such that they can be passed through or around the reservoir. Your suggestion given on the telephone, November 13, 1980, is acceptable. You indicated that an interceptor canal would be constructed around the reservoir basin so that surface flows would not enter the reservoir.

After these corrections are made please submit two copies of the final plans and specifications together with the original cover sheet of the plans to this office. Mr. Hansen will sign the cover sheet and it will be returned to you. Your engineer should also sign and seal this sheet. The attached sample signature block should be used for Mr. Hansen's signature.

Sincerely,

Robert L. Morgan  
Directing Dam Safety Engineer

RLM:sn

cc: Cedar City Office  
Division of Oil, Gas & Mining